## AMENDMENTS TO THE CLAIMS

Please amend Claims 1, 3, and 11, add new Claims 40-50, and cancel Claims 4-8, 15, 16, and 19-27 without prejudice or disclaimer, as shown below. In the changes made to the claims by the current amendment, deletions are double bracketed (e.g., [[deletions]]) or shown by strikethrough (e.g., ~~deletions~~), and additions are underlined (e.g., additions). This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A stent for insertion into a bodily vessel for treatment of an aneurysm or ischemic diseases,

wherein the stent is made from a ~~platinum alloy selected from the group consisting of platinum:iridium alloy, platinum:tungsten alloy,~~ platinum:rhodium:ruthenium alloy comprising a composition of about 75-80% of platinum, 12-18% of rhodium and 5-10% of ruthenium~~, platinum:rhodium alloy and platinum:nickel alloy; and~~

~~wherein the platinum:iridium alloy has a composition of about 70-80% of platinum and 20-30% iridium;~~

~~wherein the platinum:tungsten alloy has a composition of about 85-95% of platinum and 5-15% of tungsten;~~

~~wherein the platinum:rhodium:ruthenium alloy has a composition of about 70-85% of platinum, 10-20% of rhodium and 3-10% of ruthenium;~~

~~wherein the platinum:rhodium alloy has a composition of about 60-80% of platinum and 20-40% of rhodium; and~~

~~wherein the platinum:nickel alloy has a composition of about 80-90% of platinum and 10-20% of nickel~~.

2. (Original) The stent according to claim 1, wherein the stent comprises a generally tubular structure having an exterior surface defined by a plurality of interconnected struts having interstitial spaces therebetween, said generally tubular structure expandable from a first position to a second position, wherein said tubular structure expands radially outwardly to the second position such that the exterior surface of said structure engages with the inner surface of the bodily vessel so as to maintain a fluid pathway through said bodily vessel.

3. (Currently Amended) The stent according to claim 1, wherein the stent [[is]] comprises a self-expandable stent.

4-8. (Canceled)

9. (Previously Presented) The stent according to claim 1, wherein the stent has a sidewall thickness of less than 0.0035".

10. (Previously Presented) The stent according to claim 1, wherein the surface of the stent is modified by passive coatings.

11. (Currently Amended) The stent according to claim 10, wherein the coating [[is]] comprises iridium oxide or titanium nitrate.

12. (Original) The stent according to claim 10, wherein the stent is coated with an external layer containing a pharmaceutically effective amount of therapeutic substances.

13. (Original) The stent according to claim 1, further comprising markers to enhance visibility and radiopacity of the device.

14. (Original) The stent according to claim 13, wherein the markers include end markers or center markers.

15-16. (Canceled)

17. (Original) A delivery system for inserting a stent according to claim 1, within a bodily vessel, wherein the stent is expandable by balloon inflation, the delivery system comprising a balloon delivery catheter and the stent, wherein the stent is mounted onto the balloon of the delivery catheter.

18. (Original) A delivery system for inserting a stent according to claim 1, within a bodily vessel, wherein the stent is self-expandable, the delivery system comprising a delivery catheter and the stent, wherein the stent is mounted onto a distal portion of the delivery catheter.

19-39. (Canceled)

40. (New) A stent for insertion into a bodily vessel for treatment of an aneurysm or ischemic diseases, wherein the stent is made from a platinum:rhodium alloy comprising a composition of about 65-75% of platinum and 25-35% of rhodium.

41. (New) The stent according to claim 40, wherein the stent comprises a generally tubular structure having an exterior surface defined by a plurality of interconnected struts having interstitial spaces therebetween, said generally tubular structure expandable from a first position to a second position, wherein said tubular structure expands radially outwardly to the second position such that the exterior surface of said structure engages with the inner surface of the bodily vessel so as to maintain a fluid pathway through said bodily vessel.

42. (New) The stent according to claim 40, wherein the stent comprises a self-expandable stent.

43. (New) The stent according to claim 40, wherein the stent has a sidewall thickness of less than 0.0035".

44. (New) The stent according to claim 40, wherein the surface of the stent is modified by passive coatings.

45. (New) The stent according to claim 44, wherein the coating comprises iridium oxide or titanium nitrate.

46. (New) The stent according to claim 44, wherein the stent is coated with an external layer containing a pharmaceutically effective amount of therapeutic substances.

47. (New) The stent according to claim 40, further comprising markers to enhance visibility and radiopacity of the device.

48. (New) The stent according to claim 47, wherein the markers include end markers or center markers.

49. (New) A delivery system for inserting a stent according to claim 40, within a bodily vessel, wherein the stent is expandable by balloon inflation, the delivery system comprising a balloon delivery catheter and the stent, wherein the stent is mounted onto the balloon of the delivery catheter.

50. (New) A delivery system for inserting a stent according to claim 40, within a bodily vessel, wherein the stent is self-expandable, the delivery system comprising a delivery catheter and the stent, wherein the stent is mounted onto a distal portion of the delivery catheter.